

that to which the tank may be subjected in service. Fuel may be used as a testing medium.

(3) All tanks not vented to atmosphere shall be constructed and tested in accordance with part 54 of this subchapter.

[CGFR 68-82, 33 FR 18878, Dec. 18, 1968, as amended by CGFR 69-127, 35 FR 9980, June 17, 1970; CGFR 72-59R, 37 FR 6190, Mar. 25, 1972; USCG-1999-5151, 64 FR 67180, Dec. 1, 1999; USCG-2003-16630, 73 FR 65188, Oct. 31, 2008]

#### § 58.50-15 Alternate material for construction of independent fuel tanks.

(a) Materials other than those specifically listed in 46 CFR 58.50-5, Table 58.50-5(a) and in 46 CFR 58.50-10, Table 58.50-10(a) may be used for fuel tank construction only if the tank as constructed meets material and testing requirements approved by the Commandant (CG-ENG). Approved testing may be accomplished by any acceptable laboratory, such as the Marine Department, Underwriters' Laboratories, Inc., or may be done by the fabricator if witnessed by a marine inspector.

(b) [Reserved]

[USCG-2003-16630, 73 FR 65188, Oct. 31, 2008, as amended by USCG-2012-0832, 77 FR 59778, Oct. 1, 2012]

### Subpart 58.60—Industrial Systems and Components on Mobile Offshore Drilling Units (MODU)

SOURCE: CGD 73-251, 43 FR 56801, Dec. 4, 1978, unless otherwise noted.

#### § 58.60-1 Applicability.

This subpart applies to the following industrial systems on board a mobile offshore drilling unit (MODU):

- (a) Cementing systems.
- (b) Circulation systems, including—
  - (1) Pipes and pumps for mud;
  - (2) Shale shakers;
  - (3) Desanders; and
  - (4) Degassers.
- (c) Blow out preventor control systems.
- (d) Riser and guideline tensioning systems.
- (e) Motion compensation systems.
- (f) Bulk material storage and handling systems.

(g) Other pressurized systems designed for the MODU's industrial operations.

#### § 58.60-2 Alternatives and substitutions.

(a) The Coast Guard may accept substitutes for fittings, material, apparatus, equipment, arrangements, calculations, and tests required in this subpart if the substitute provides an equivalent level of safety.

(b) In any case where it is shown to the satisfaction of the Commandant that the use of any particular equipment, apparatus, arrangement, or test is unreasonable or impracticable, the Commandant may permit the use of alternate equipment, apparatus, arrangement, or test to such an extent and upon such condition as will insure, to his satisfaction, a degree of safety consistent with the minimum standards set forth in this subpart.

#### § 58.60-3 Pressure vessel.

A pressure vessel that is a component in an industrial system under this subpart must meet the applicable requirements in § 54.01-5 of this chapter.

[CGD 73-251, 43 FR 58601, Dec. 4, 1978, as amended by CGD 77-147, 47 FR 21811, May 20, 1982]

#### § 58.60-5 Industrial systems: Locations.

An industrial system under this subpart must not be in a space that is—

- (a) Concealed; or
- (b) Inaccessible to industrial personnel.

#### § 58.60-7 Industrial systems: Piping.

The piping for industrial systems under this subpart must meet ANSI B31.3 (incorporated by reference, see 46 CFR 58.03-1), except that blow out preventor control systems must also meet API RP 53 (incorporated by reference, see 46 CFR 58.03-1).

[USCG-2003-16630, 73 FR 65188, Oct. 31, 2008]

#### § 58.60-9 Industrial systems: Design.

Each system under this subpart must be designed and analyzed in accordance with the principles of API RP 14C (incorporated by reference, see 46 CFR 58.03-1).

[USCG-2003-16630, 73 FR 65188, Oct. 31, 2008]